

CLAIMS

[1] An absorbent article comprising:

a liquid-permeable topsheet positioned at a surface that contacts with a human body;

a non liquid-permeable backsheet positioned at a surface opposite to the topsheet; and

an absorbent body provided between the topsheet and the backsheet; wherein:

a three-dimensional gather is formed by a folding portion at which the backsheet is folded up to the topsheet side substantially along both side portions in a longitudinal direction of the absorbent body and a nonwoven fabric at least partially adhered to the folding portion; and

the three-dimensional gather has a free end structured with the nonwoven fabric.

[2] The absorbent article according to Claim 1, wherein the nonwoven fabric is adhered to a surface opposite to a surface of the folding portion that face the topsheet.

[3] The absorbent article according to Claim 2, wherein the nonwoven fabric is adhered to the backsheet from an adhesion starting point at an inner side in a width direction than a folding starting point of the folding portion.

[4] The absorbent article according to Claim 1, wherein the nonwoven fabric is adhered to a surface of the folding portion that face the topsheet.

[5] The absorbent article according to Claim 1, wherein the nonwoven fabric is adhered to the topsheet.

[6] An absorbent article comprising:

 a liquid-permeable topsheet positioned at a surface that contacts with a human body;

 a non liquid-permeable backsheet positioned at a surface opposite to the topsheet; and

 an absorbent body provided between the topsheet and the backsheet; wherein:

 a three-dimensional gather is formed by covering both surfaces of a folding portion of the backsheet folded up to the topsheet side substantially along both side portions in a longitudinal direction of the absorbent body, by extending the topsheet.

[7] The absorbent article according to Claim 6, wherein a region of the topsheet positioned at an upper face of the absorbent body is liquid-permeable, while a region that covers the backsheet is less liquid-permeable than the region positioned at the upper face of the absorbent body.

[8] An absorbent article comprising:

a liquid-permeable topsheet positioned at a surface that contacts with a human body;

a non liquid-permeable backsheet positioned at a surface opposite to the topsheet;

an absorbent body provided between the topsheet and the backsheet; and

a three-dimensional gather formed at the topsheet side to be raised at both side portions in a longitudinal direction of the absorbent body; wherein the absorbent article includes:

a folding portion at which the backsheet is folded up to the topsheet side substantially along both side portions in the longitudinal direction of the absorbent body;

an attachment portion at which a part of the folding portion is adhered to both side portions in the longitudinal direction of the topsheet; and

an adhesion section at which the attachment portion is folded up to the topsheet side and is adhered to the topsheet;

wherein the folding portion constitute at least a part of the three-dimensional gather.

[9] The absorbent article according to Claim 8, wherein

the three-dimensional gather is composed of the folding portion and a non liquid-permeable nonwoven fabric at least partially adhered to the folding portion, and the three-dimensional gather has a free end structured with the non liquid-permeable nonwoven fabric.

[10] The absorbent article according to Claim 9, wherein the non liquid-permeable nonwoven fabric is adhered to a surface opposite to a surface of the folding portion that face the topsheet.

[11] The absorbent article according to Claim 10, wherein the non liquid-permeable nonwoven fabric is adhered to the backsheet from an adhesion starting point at an inner side in a width direction than a folding starting point of the folding portion.

[12] The absorbent article according to Claim 9, wherein:
the backsheet includes a ramie nonwoven fabric; and
the non liquid-permeable nonwoven fabric is adhered to a surface of the folding portion that face the topsheet.

[13] An absorbent article comprising:
a liquid-permeable topsheet positioned at a surface that contacts with a human body;

a non liquid-permeable backsheet positioned at a surface opposite to the topsheet;

an absorbent body provided between the topsheet and the backsheet; and

a three-dimensional gather formed at the topsheet side to be raised at both side portions in a longitudinal direction of the absorbent body, wherein:

the three-dimensional gather is formed by covering both surfaces of a folding portion of the backsheet folded up to the topsheet side substantially along both side portions in the longitudinal direction of the absorbent body, by extending the topsheet; and

an adhesion portion is formed in a vicinity of a folding starting point of the folding portion substantially along both side portions in the longitudinal direction of the absorbent body, by folding up the topsheet to the topsheet side and adhering the topsheets to each other.

[14] The absorbent article according to Claim 13, wherein a region of the topsheet positioned at an upper face of the absorbent body is liquid-permeable, while a region that covers the backsheet is non liquid-permeable.

[15] An inner absorbent article comprising:

a liquid-permeable topsheet positioned at a surface that contacts with a human body;

a non liquid-permeable backsheet positioned at a surface opposite to the topsheet; and

an absorbent body provided between the topsheet and the backsheet, wherein:

a three-dimensional gather is formed by a folding portion at which the backsheet is folded up to the topsheet side substantially along both side portions in a longitudinal direction of the absorbent body, and a nonwoven fabric that is adhered to a surface opposite to a surface of the folding portion that face the topsheet and is also adhered to the backsheet from an inner side in a width direction of a folding starting point of the folding portion as an adhesion starting point; and

the three-dimensional gather has a free end structured with the nonwoven fabric.

[16] An inner absorbent article comprising:

a liquid-permeable topsheet positioned at a surface that contacts with a human body;

a non liquid-permeable backsheet positioned at a surface opposite to the topsheet; and

an absorbent body provided between the topsheet and the backsheet, wherein:

a three-dimensional gather is formed by a folding portion at which the backsheet is folded up to the topsheet side substantially along both side portions in a

longitudinal direction of the absorbent body and a nonwoven fabric in which one end portion in the longitudinal direction is adhered to a surface of the folding portion that face the topsheet and the other end portion in the longitudinal direction is adhered to the topsheet; and

the three-dimensional gather has a free end structured with the nonwoven fabric.

[17] The absorbent article according to Claim 16, wherein the nonwoven fabric is folded up and the three-dimensional gather has a free end as a folding starting point of the nonwoven fabric.

[18] An inner absorbent article comprising:

a liquid-permeable topsheet positioned at a surface that contacts with a human body;

a non liquid-permeable backsheet positioned at a surface opposite to the topsheet; and

an absorbent body provided between the topsheet and the backsheet, wherein:

a three-dimensional gather is provided by covering both surfaces of a folding portion of the backsheet folded up to the topsheet side substantially along both side portions in a longitudinal direction of the absorbent body, by extending the topsheet.

[19] The inner absorbent article according to any one of Claims 15 to 18, wherein the folding portion of the backsheet has a positioning mark in the longitudinal direction.

[20] The inner absorbent article according to any one of Claims 15 to 19, wherein an interspace is provided between the topsheet and the backsheet along the longitudinal direction of both side portions in the longitudinal direction of the absorbent body.

[21] An inner absorbent article, comprising:

- a liquid-permeable topsheet positioned at a surface that contacts with a human body;

- a non liquid-permeable backsheet positioned at a surface opposite to the topsheet;

- an absorbent body provided between the topsheet and the backsheet; and

- a three-dimensional gather formed at the topsheet side to be raised at both side portions in a longitudinal direction of the absorbent body, wherein the inner absorbent article includes:

- a folding portion at which the backsheet is folded up to the topsheet side substantially along both side portions in the longitudinal direction of the absorbent body;

an attachment portion at which a part of the folding portion is adhered to both side portions in the longitudinal direction of the topsheet; and

an adhesion section at which the attachment portion is folded up to the topsheet side and is adhered to the topsheet,

wherein the folding portion constitutes at least a part of the three-dimensional gather.

[22] An inner absorbent article, comprising:

a liquid-permeable topsheet positioned at a surface that contacts with a human body;

a non liquid-permeable backsheet positioned at a surface opposite to the topsheet;

an absorbent body provided between the topsheet and the backsheet; and

a three-dimensional gather formed at the topsheet side to be raised at both side portions in a longitudinal direction of the absorbent body, wherein:

the three-dimensional gather is formed by covering both surfaces of a folding portion of the backsheet folded up to the topsheet side substantially along both side portions in the longitudinal direction of the absorbent body, by extending the topsheet;

an adhesion portion is formed in a vicinity of a folding starting point of the folding portion substantially

along both side portions in the longitudinal direction of the absorbent body, by folding up the topsheet to the topsheet side and adhering the topsheets to each other.